

**WHAT IS CLAIMED IS:**

1. A voltage booster of a headlight for increasing a voltage of the headlight; the voltage booster being connected between a power supply and a headlight; the voltage booster comprising a high frequency circuit, a  
5 voltage boost circuit, a rectified circuit, and a high frequency control circuit.

2. The voltage booster of a headlight as claimed in claim 1, further comprising an over current sensing circuit connected in front of the headlight and a relay connected between the headlight and the power  
10 supply end, thereby, when the voltage booster is over circuit, power will supply to the headlight through the relay.

3. The voltage booster of a headlight as claimed in claim 1, wherein a DC current is supplied from the power supply end; then the current flows through two high frequency oscillators and then is boosted by boosting  
15 coils; then the current is rectified by the diode as DC current and then is outputted from an output end.

4. The voltage booster of a headlight as claimed in claim 1, wherein a comparator is used with the relay for switching the power supply of the headlight.

20 5. The voltage booster of a headlight as claimed in claim 1, further comprising a high frequency oscillating IC.

6. The voltage booster of a headlight as claimed in claim 1, further comprising a modulator for modulating output voltages.

7. The voltage booster of a headlight as claimed in claim 1, further  
25 comprising a feedback circuit for regulating the load so as to determine the

**critical value of the relay.**